

6678413

Figure 1

16 Figs

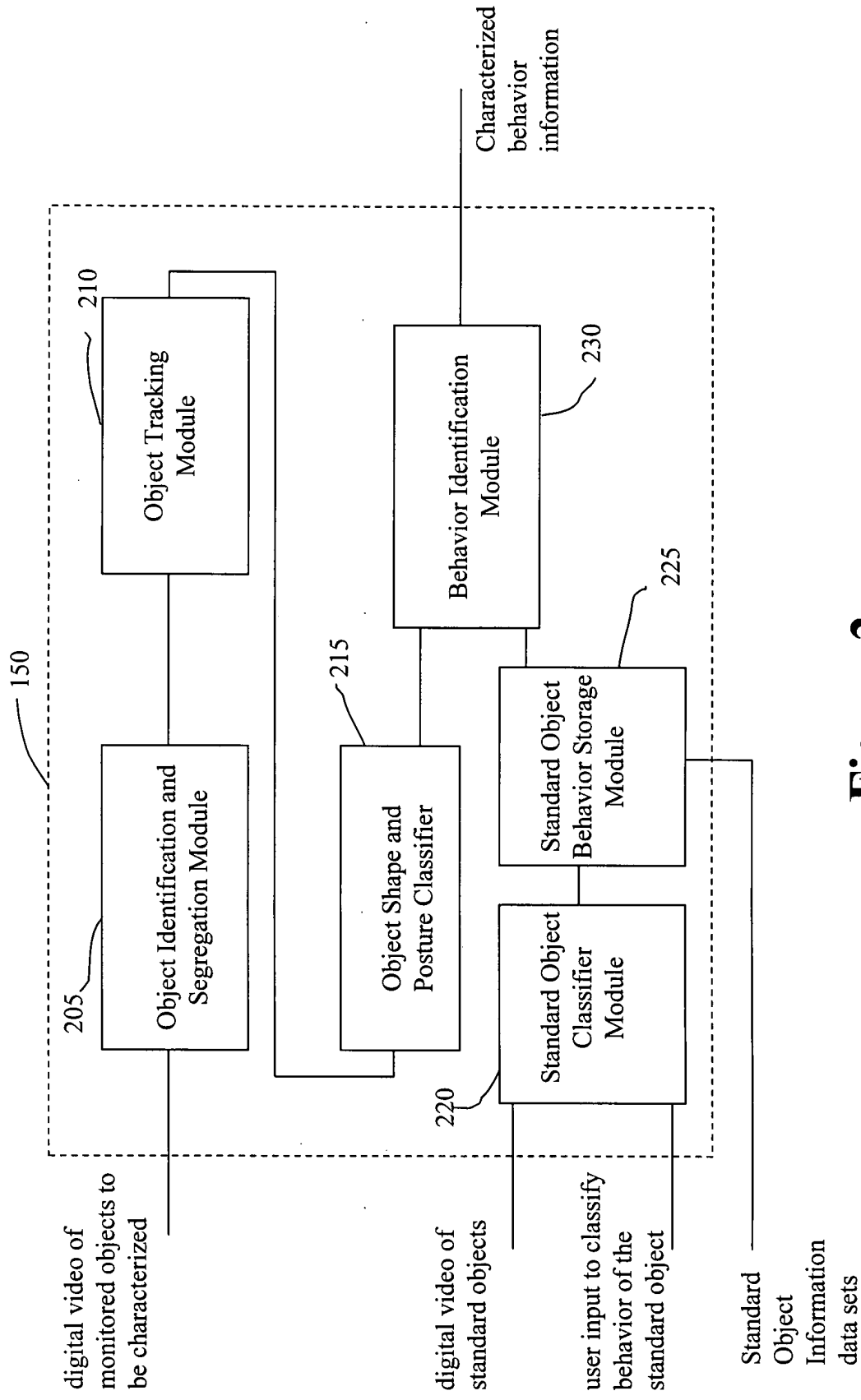


Figure 2

```
graph TD; START([START]) --> 305[Receive incoming video images]; 305 --> 310[Identify and segregate a predetermined object from the incoming video images]; 310 --> 315[Track the predetermined object from one video image (frame) or scene to another to identify changes to, or movement of, the object]; 315 --> 320[Identify and classify the changes to the shape and location of the object]; 320 --> 325[Characterize the behavior of the predetermined object]; 325 --> End([End]);
```

The flowchart illustrates a method for identifying and tracking a predetermined object in video images. The process begins with a **START** terminal, which leads to step **305**: **Receive incoming video images**. From step 305, the flow proceeds to step **310**: **Identify and segregate a predetermined object from the incoming video images**. Step 310 leads to step **315**: **Track the predetermined object from one video image (frame) or scene to another to identify changes to, or movement of, the object**. Step 315 leads to step **320**: **Identify and classify the changes to the shape and location of the object**. Step 320 leads to step **325**: **Characterize the behavior of the predetermined object**. Finally, step 325 leads to an **End** terminal.

3

Figure 4

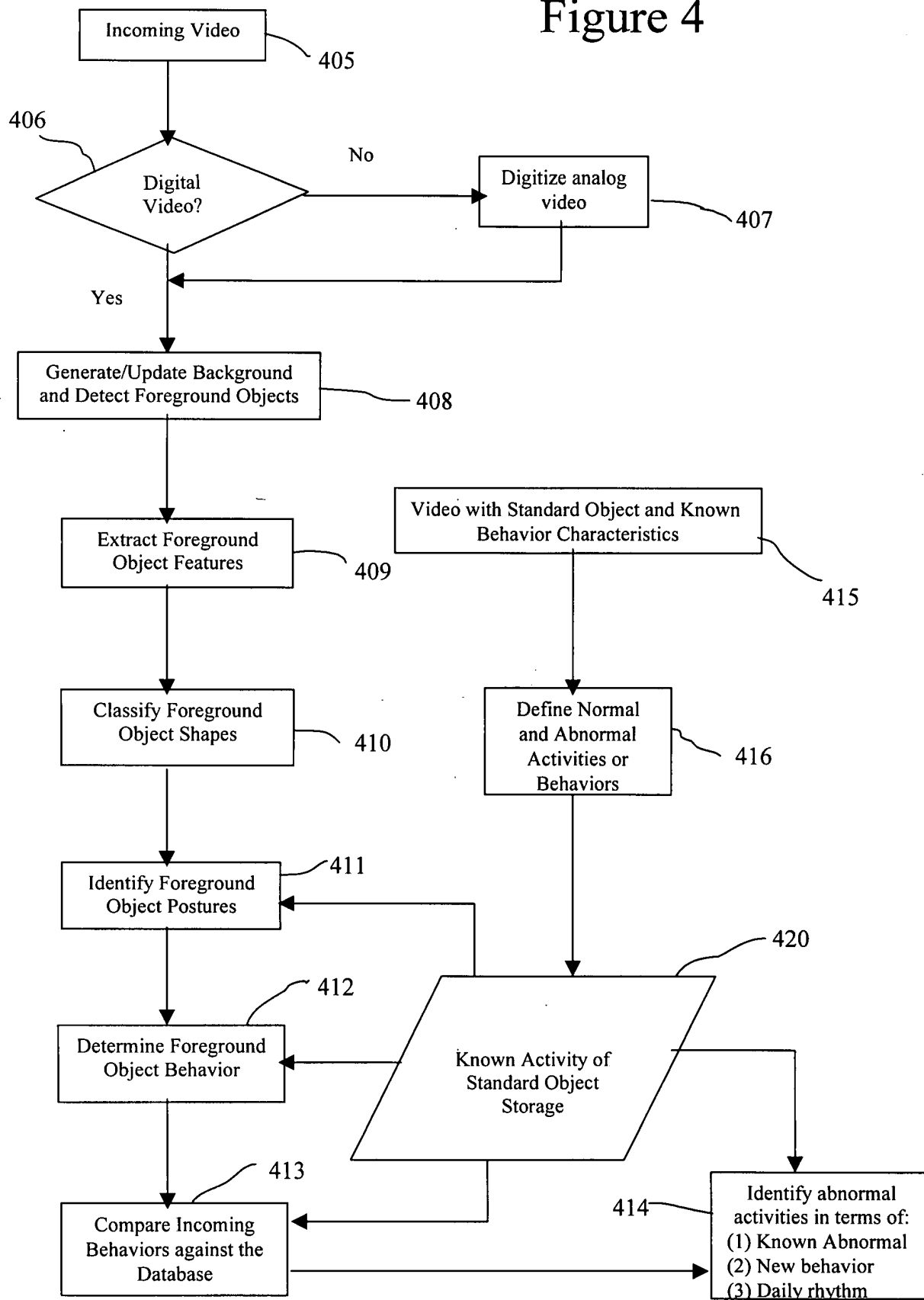
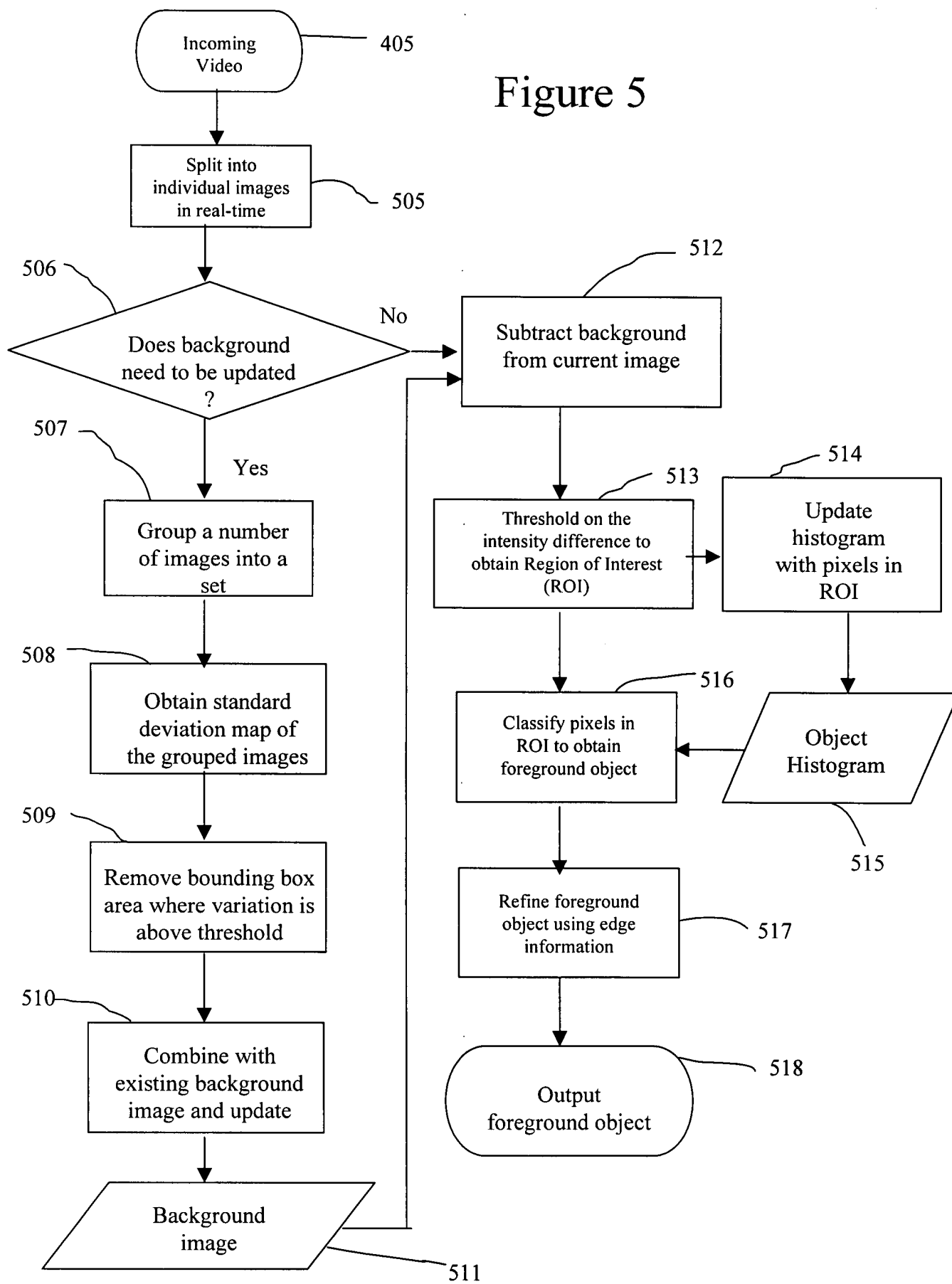


Figure 5



0043374-11400

00718374-112400

Figure 6



Figure 7A



Figure 7B



004217" 17E8T 260

Figure 7C



004277-4ZEBZ60

Figure 8A

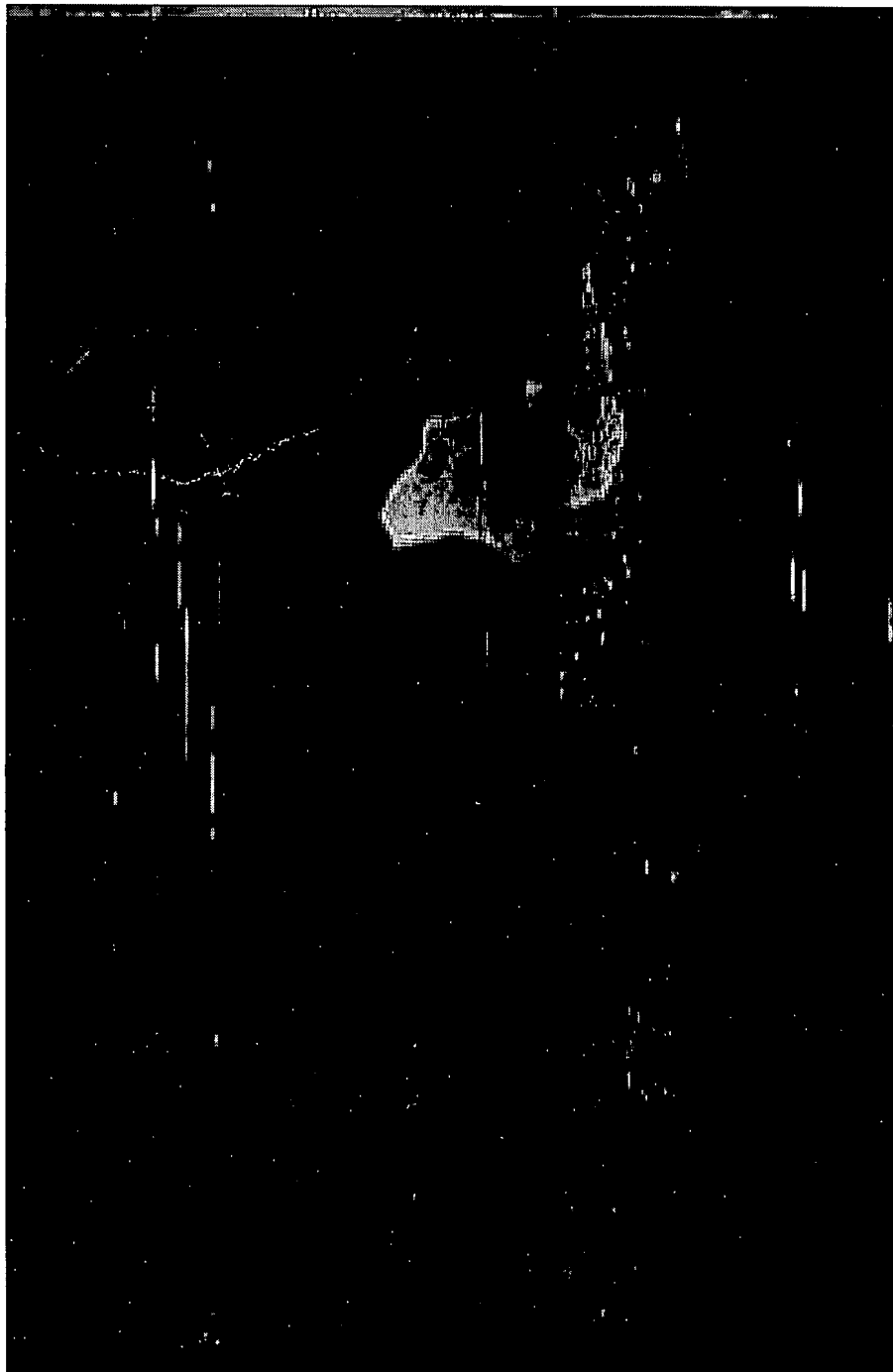


Figure 8B

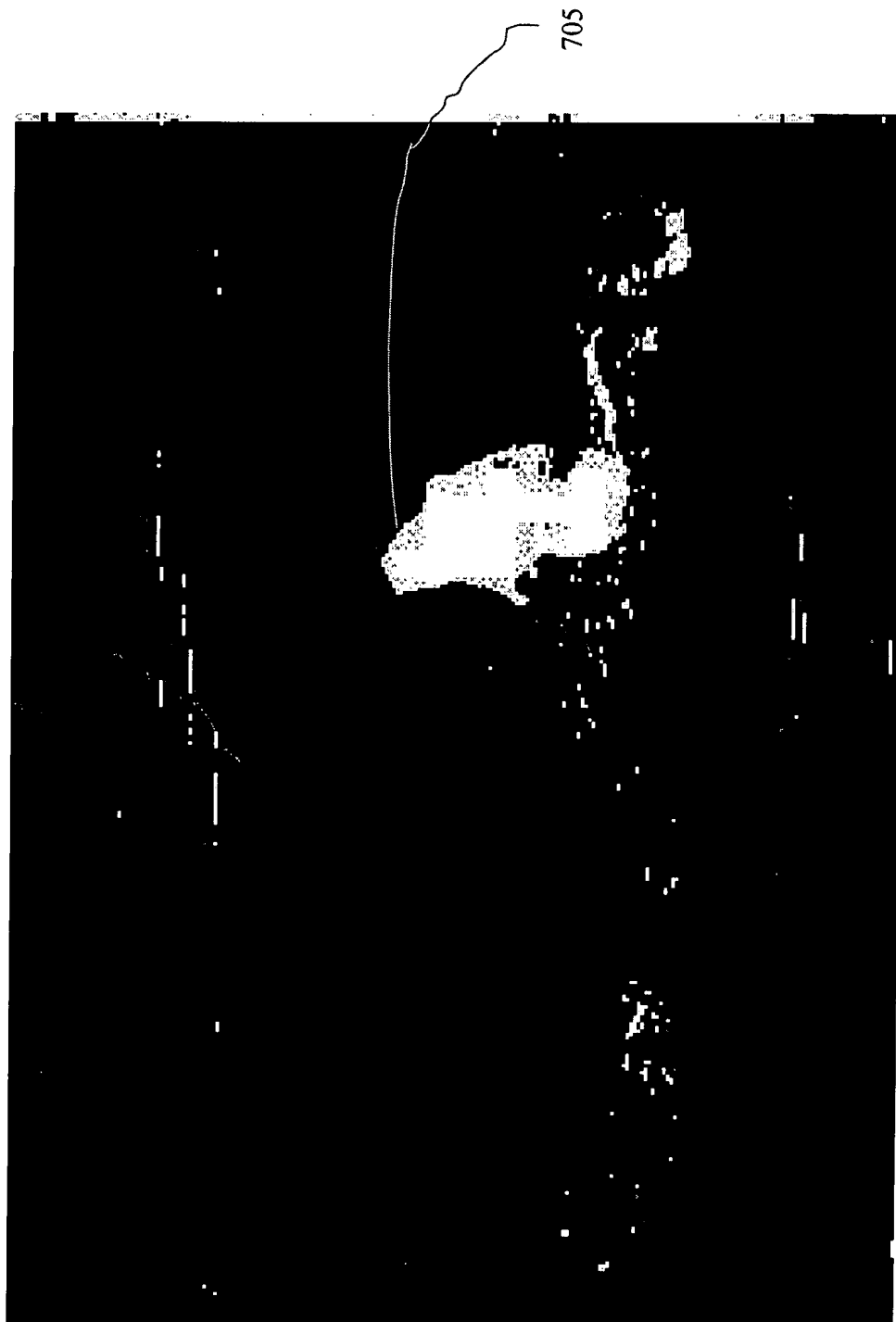


Figure 8C



Figure 9A



Figure 9B

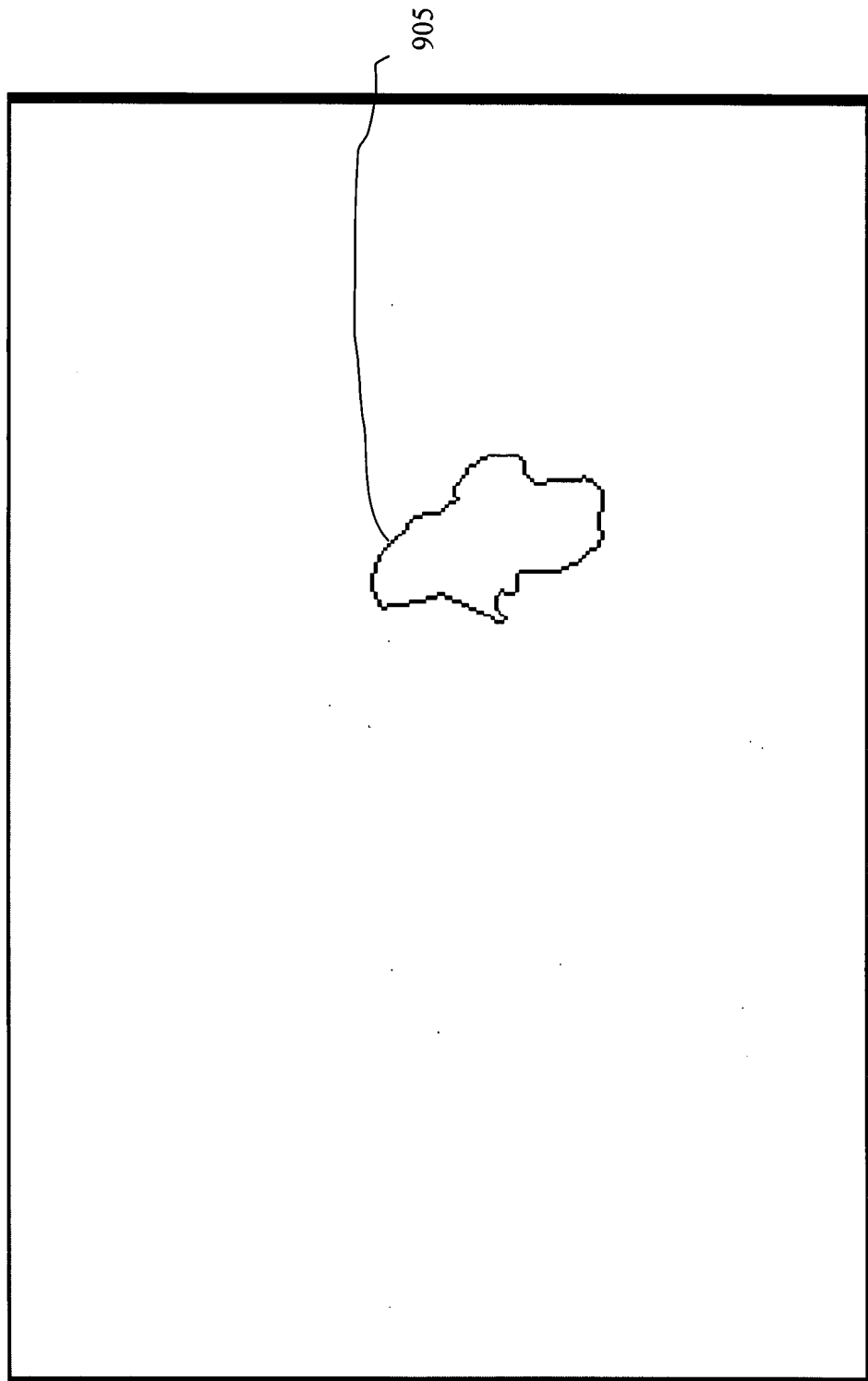


Figure 9C

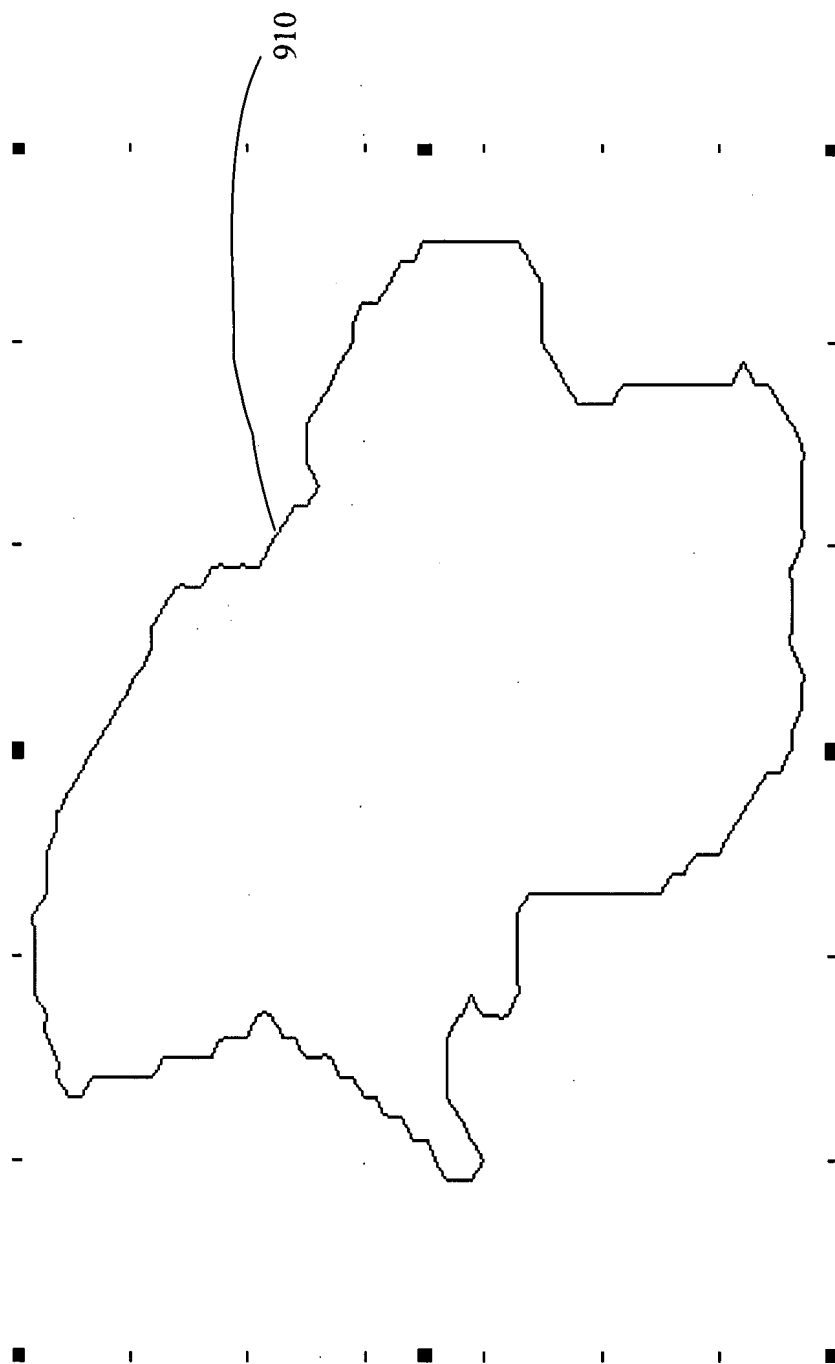


Figure 10

